Author Index of Volume 27

Bart, H. J., 65
Berezowski, M., 131
Borde, I., 19
Brunovská, A., 107
Bugarel, R., 155
Burghardt, A., 131

Chen, V., 165
Chhabra, R. P., 53

Draxler, J., 65

Fane, A. G., 165
Fell, C. J. D., 165
Flamant, G., 175
Flitris, Y., 175
Freeman, W. B., 1

Gauthier, D., 175
Górak, A., 27

Huor, M. H., 155

Irabien, A., 13

Jönsson, A.-S., 67

Kall, W., 33
Kim, K. J., 165
Korin, E., 19
Košik, M., 107
Kravchik, T., 19

Laurent, A., 155

Malhotra, K., 121
Marr, R., 65
Middis, J., 1
Miyahara, M., 121
Mujumdar, A. S., 121
Müller-Steinhagen, H. M., 1

de Ortiz, E. S. Pérez, 13
Ortiz, I., 13

Peytavy, J. L., 155

Riede, Th., 83
Riekert, L., 95

Schlünder, E. U., 83
Sheth, D. K., 53

Trägårdh, G., 67

Wiley, D. E., 165

Chem. Eng. Process., *27* (1990) 185

© Elsevier Sequoia/Printed in The Netherlands

Subject Index of Volume 27

Absorption column
  interfacial area and gas-side mass transfer coefficient of: pilot-scale comparison of various tray types, 155

Catalyst pellet
  porous, analysis of structure of steady-state solutions for, 131
Catastrophic sets
  determination of: analysis of structure of steady-state solutions for porous catalyst pellet, 131

Dehumidifier
  solid desiccant, influence of material properties and heat removal on mass and heat transfer in, 19
Double pipe heat exchangers
  influence of augmented surfaces and of surface finish on particulate fouling in, 1

Evaporation
  selective, of binary mixture into dry or humidified air, 83
  of water in horizontal tube in presence of inert gas, 33

Fluidized bed
  of group II particles, heat transfer to walls in, 175
Fouling
  particulate, in double pipe heat exchangers, influence of augmented surfaces and of surface finish on, 1
2-Furaldehyde formation
  on solid support, kinetics of, 107

Gas–liquid absorption column
  interfacial area and gas-side mass transfer coefficient of: pilot-scale comparison of various tray types, 155
Gas-side mass transfer coefficient
  and interfacial area of gas–liquid absorption column: pilot-scale comparison of various tray types, 155
Granular bed
  mechanically stirred, estimation of particle renewal rates along wall of, 121

Heat exchangers
  double pipe, influence of augmented surfaces and of surface finish on particulate fouling in, 1
Heat transfer
  and mass transfer in solid desiccant dehumidifier, influence of material properties and heat removal on, 19
  to walls in high temperature fluidized bed of group II particles, 175

Interfacial area
  and gas-side mass transfer coefficient of gas–liquid absorption column: pilot-scale comparison of various tray types, 155

Kinetics
  compound, on concept of rate-determining process in, 95
  of 2-furaldehyde formation on solid support, 107
  of metal extraction: model discrimination and parameter estimation, 13

Liquid membrane permeation, 59
Liquid mixtures
  temperature and composition dependence of viscosity of: predictive approach, 53

Mass transfer
  and heat transfer in solid desiccant dehumidifier, influence of material properties and heat removal on, 19
Mass transfer coefficient
  gas-side, and interfacial area of gas–liquid absorption column: pilot-scale comparison of various tray types, 155
Mass transfer models
  multicomponent, linearization of equilibrium relationships in, 27
Membranes
  ultrafiltration, factors determining flux and rejection of, 165
Metal extraction
  kinetics of: model of discrimination and parameter estimation, 13

Particle renewal rates
  along wall in mechanically stirred granular bed, estimation of, 121
Porous catalyst pellet
  analysis of structure of steady-state solutions for, 131

Rate-determining process
  in compound kinetics, on concept of, 95

Steady-state solutions
  for porous catalytic pellet, analysis of structure of, 131

Ultrafiltration
  fundamental principles of, 67
Ultrafiltration membranes
  factors determining flux and rejection of, 165

Viscosity
  of liquid mixtures, temperature and composition dependence of: predictive approach, 53

© Elsevier Sequoia/Printed in The Netherlands